

DAACO Inc.

TEL No. 294-1748

Nov. 15, 1990 10:55 P.01

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Winston-Salem
Regional Office

DAACO, INC.

FACSIMILE TRANSMISSION COVER SHEET

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TO: DEPTHR

ATTENTION: Tom Sawyer

RECEIVING FAX TELEPHONE NUMBER: 330-573-2748 2-2323

Three PAGES FOLLOW THIS TRANSMITTAL SHEET

SECRET 100%

James Harris, Estimating

DAACO, INC.
5212 WEST MARKET STREET
GREENSBORO
NC 27409

FAX SENT ON 11-15-1990 AT 11:22

OUR VOICE LINE NUMBER IS: 919-294-1748

OUR FAX LINE NUMBER IS: 919-294-1748

Figure 2

Site Sensitivity Evaluation (SSE)

Guidelines for Remediation of Soil Contaminated by Petroleum
North Central Division of Environmental Management

Characteristic	Condition	Rating	
Soil pH	pH<5.0 or pH>8.0 5.0 < pH <6.0 6.0 ≤ pH <7.0 7.0 ≤ pH ≤8.0	4 2 2 0	0
Grain Size* Udden-Wentworth Scale	Contains >2/3, Gravel to Coarse Sand (>1/2mm) Contains >2/3, Medium to Fine Sand (1/2mm - 1/16mm) Contains >2/3, Very Fine Sand to Coarse Silt (<1/8mm - 1/32mm) Contains >2/3, Medium Silt and Clay (<1/32mm)	10 7 4 0	0
Are Pellet Structures, Sedimentary Structures, and/or Textures present in the zone of contamination & underlying "soils"	Present and Intersecting the Seasonal High Water Table Present but not Intersecting the Seasonal High Water Table None Present	10 5 0	0
Contaminant Class	I. Low to Medium Boiling Petroleum Hydrocarbons (C1-C18) and "some military jet fuel" II. High Boiling Hydro- carbons (C12-C20) and "other jet fuels"	10 5	5
Distance from Location of Deepest Contaminated Soil (>10 ppm TPH) to Seasonal High Water Table	5 - 10 feet >10-40 >40 feet	10 5 0	5
Is the Top of Bedrock located above the Seasonal Low Water Table?	Yes No	5 0	5
Is a Confining Layer present between bottom of contaminated soil and water table?	No Yes	5 0	5
Time since release of contaminant has occurred	>1 yr, or unknown 6 months-1 year <6 months	10 5 0	0
Artificial Conduits present within the zone of contamination	Present & intersecting the Seasonal High Water Table Present but not Inter- secting the Seasonal High Water Table Not Present	10 5 0	0

* Figure 3

**TOTAL
SCORE**

DAACO, INC.*Pump and Tank Contractors*

5212 West Market Street

Greensboro, N.C. 27409

Phone (919) 294-3199

North Carolina Department of
Environmental Health and Natural Resources
8025 North Point Blvd., Suite 100
Winston Salem, N.C. 27106-3295

November 15, 1990

Attn: Tom Salley

**RE: Site Sensitivity Evaluation for 6000 Gallon, #2 Fuel
Oil Tank at North State Telephone at Hayden Place.**

Sir,

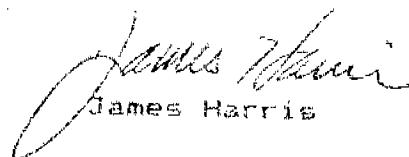
Enclosed is the evaluation sheet with the information that I could furnish. Two of the categories are left blank, and I will have to take the default values. In the event our score is too high for the 13PPM one of our tests indicated, then we will put in a boring to determine the water table and bedrock depths.

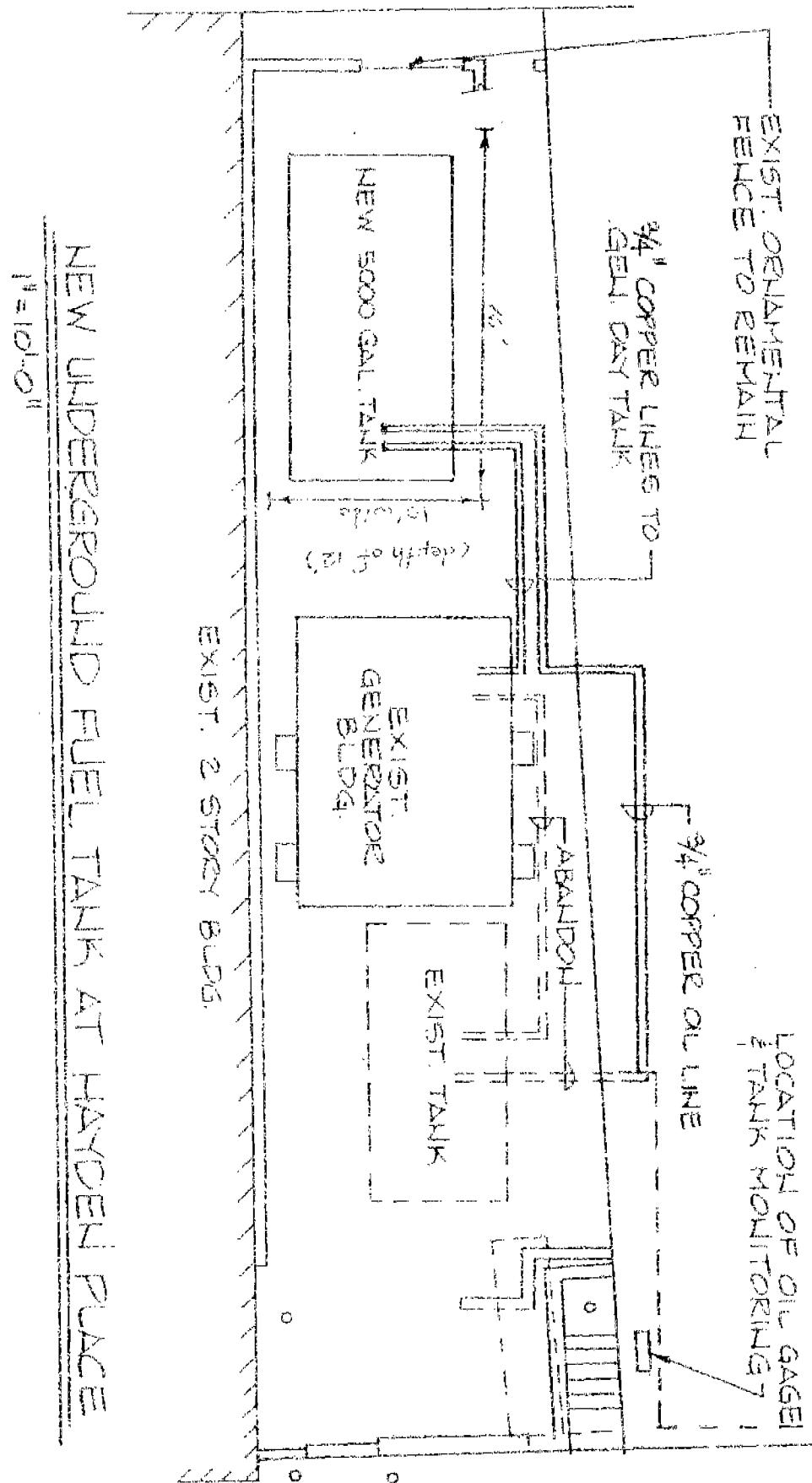
I have included a brief description of how the values were obtained. Our soil pH test was obtained using a sterile container with the soil sample diluted with deionized water, the test was taken six times with the same results of 6 to 7 on the pH scale. A new excavation dug twenty feet west of the existing tank revealed red clay soil with no sign of sedimentary structures or layering of any kind. This excavation was ten feet wide and twelve feet deep as shown on the plot map. There are no artificial conduits running through or beneath the tank hole.

Please call if I can be of further help or if there are any questions.

Sincerely,

DAACO, INC.


James Harris

HAYDEN PLACE

1/4" COPPER LINES TO

1/4" COPPER OIL LINE

EXIST. 2 STORY BLDG.

EXIST. TANK

EXIST. GENERATOR BLDG.

ABANDONED

LOCATION OF OIL GAGE TANK MONITORING

NEW 500 GAL. TANK

HAYDEN PLACE